

# EphB1 Monoclonal Antibody (5F10A4)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5F10A4
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of EphB1 (aa19-133) expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10986585

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
ELISA (ELISA)	1:10,000	-
Immunoprecipitation (IP)	-	1 Publication

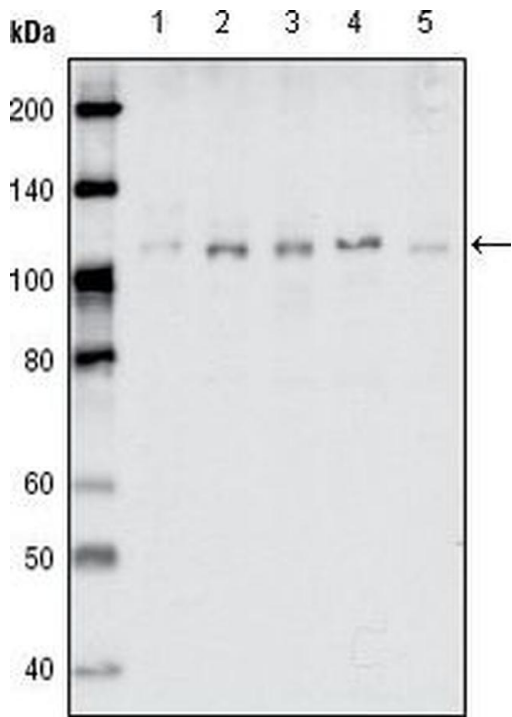
## Product Specific Information

MA5-15385 targets EhpB1 in indirect ELISA, IHC and WB applications and shows reactivity with Human samples.

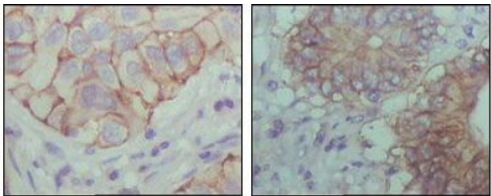
The MA5-15385 immunogen is purified recombinant fragment of EphB1 (aa19-133) expressed in E. Coli.

MA5-15385 detects EhpB1 which has a predicted molecular weight of approximately 110kDa.

Product Images For EphB1 Monoclonal Antibody (5F10A4)



**EphB1 Antibody (MA5-15385) in WB**  
Western blot analysis of EhpB1 using EhpB1 monoclonal antibody (Product # MA5-15385) in MDA-MB-468 (1), MDA-MB-453 (2), MCF-7 (3), T47D (4) and SKBR-3 (5) cell lysate.



**EphB1 Antibody (MA5-15385) in IHC (P)**  
Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and colon cancer (right) showing cytoplasmic localization using EhpB1 monoclonal antibody (Product # MA5-15385) followed with DAB staining

1 Reference

Immunoprecipitation (1)

<p>Cell death and differentiation</p> <p><b>Identification of a novel agrin-dependent pathway in cell signaling and adhesion within the erythroid niche.</b></p> <p>"MA515385 was used in immunoprecipitation to discover that agrin is a regulator of Eph receptor signaling and elucidate its mechanism of controlling cell-cell adhesion and red cell development"</p> <p>Authors: Anselmo A,Lauranzano E,Soldani C,Ploia C,Angioni R,D'amico G,Sarukhan A,Mazzon C,Viola A</p>	<p>Year 2016</p> <p>Species Human</p>
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